

This listing of claim will replace all prior versions, and listings, of the claim in the application.

Listing of Claims:

1. (Cancelled): A system for providing information to a mobile client comprising:
a mobile device for generating a query which has a visual display; and
a broker which receives the query from the mobile device;
wherein the query includes identification information about the mobile device and security information.
2. (Cancelled): The system for providing information to a mobile client of claim 1, further comprising:
a mini-server having a mini-server rules database that stores data processing rules;
wherein the broker transmits the query to the mini-server and a secure connection is used to transmit the query if required by the security information and the broker and the mini-server are independent computers.
3. (Cancelled): The system for providing information to a mobile client of claim 2 wherein the mini-server processes the query according to rules obtained from the mini-server rules database.
4. (Cancelled): The system for providing information to the mobile client of claim 3 wherein requested information is obtained and formatted for the visual display of the mobile device and the mini-server transmits the requested information to the broker.
5. (Cancelled): The system for providing information to the mobile client of claim 4 wherein the requested information is transmitted from the broker to the mobile device and at least a portion requested information is displayed on the visual display.

6. (Cancelled): The system for providing information to the mobile client of claim 1 further comprising:

a personal agent computer having a personal agent rules database that stores data processing rules;

wherein in response to the broker receiving the query from the mobile device, the broker transmits retrieval information to the mobile device and the broker transmits the query to the personal agent over a secure connection and the broker and the personal agent computer are independent computers.

7. (Cancelled): The system for providing information to mobile devices of claim 6 wherein the personal agent computer processes the query according to rules obtained from the personal agent rules database.

8. (Cancelled): The system for providing information to the mobile client of claim 7 wherein requested information is obtained and formatted for the visual display of the mobile device and the personal agent computer transmits the requested information to the broker.

9. (Cancelled): The system for providing information to mobile devices of claim 8 wherein if the retrieval information is transmitted to the broker the requested information is transmitted to the mobile device and at least a portion requested information is displayed on the visual display.

10. (Cancelled): The system for providing information to mobile devices of claim 1, further comprising:

a mini-server having a mini-server rules database that stores data processing rules; and

a personal agent computer having a personal agent rules database that stores data processing rules,

wherein the broker has a broker rules database that stores data processing rules and the broker transmits the query to either the mini-server or the personal agent computer in accordance with

rules from the broker rules database wherein the mini-server, personal agent and the broker are independent computers.

11. (Cancelled): The system for providing information to mobile devices of claim 10, wherein the personal agent computer or mini-server processes the query according to rules obtained from the personal agent rules database or the mini-server rules database.

12. (Cancelled): The system for providing information to a mobile client comprising:
a mobile device for generating a query which includes identification information; and
a mini-server having a mini-server rules database that stores data processing rules;
wherein the mobile device transmits the query to the mini-server and the mini-server processes the query according to rules from the mini-server rules database.

13. (Cancelled): The system for providing information to the mobile client of claim 12 wherein requested information is obtained and formatted by the mini-server for the visual display of the mobile device, and the mini-server transmits the requested information to the mobile device and a portion of the requested information is displayed on the visual display.

14. (Cancelled): The system for providing information to the mobile client of claim 13 wherein the query includes security information and the requested information is transmitted to the mobile device over a secure connection if required by the security information.

15. (Cancelled): A method for providing information to a mobile device comprising the steps:
providing a mobile device having a visual display, a broker and a mini-server having a mini-server database, wherein the mobile device, the broker and the mini-server are each separate computers;
transmitting a query which includes identification information to the broker;
transmitting the query from the broker to the mini-server;
processing the query according to rules from the mini-server database;

obtaining requested information;
formatting the requested information for the visual display of the mobile device; transmitting the requested information to the mobile device; and
displaying at least a portion of the requested information on the visual display of the mobile device.

16. (Cancelled): The method for providing information to mobile devices of claim 15 further comprising the steps:

transmitting retrieval information to the mobile device; and
transmitting the requested information to the mobile device if the retrieval information is transmitted to the broker.

17. (Cancelled): The method for providing information to mobile devices of claim 15 wherein the query includes security information and the transmitting steps are made over secure connections if required by the security information.

18. (Cancelled): A method for providing information to a mobile device comprising the steps:
providing a mobile device having a visual display, a broker and a personal agent computer having a personal agent database, wherein the mobile device, the broker and the mini-server are each separate computers;

transmitting a query which include identification information to the broker;
transmitting the query to the personal agent computer;
processing the query according to rules obtained from the personal agent database;
obtaining requested information;
formatting the requested information for the visual display of the mobile device;
transmitting the requested information to the mobile device; and
displaying at least a portion of the requested information on the visual display of the mobile device.

19. (currently amended): ~~The A~~ method for providing information to mobile devices ~~of claim 18~~ further comprising the steps:

providing a mobile device having a visual display, a broker and a personal agent computer having a personal agent database, wherein the mobile device, the broker and the mini-server are each separate computers;

transmitting a query which include identification information to the broker;

transmitting the query to the personal agent computer;

processing the query according to rules obtained from the personal agent database;

obtaining requested information;

formatting the requested information for the visual display of the mobile device;

transmitting the requested information to the mobile device;

displaying at least a portion of the requested information on the visual display of the mobile device;

attaching a ticket to the request;

storing the request in the request queue of the broker; and

transmitting retrieval information from the broker to the mobile device;

wherein the transmitting the ~~modified~~ requested information to the mobile device step is only performed if the mobile device transmits the retrieval information to the broker.

20. (original): The method for providing information to mobile devices of claim 19 wherein the query includes security information and the transmitting steps made are over secure connections if required by the security information.

21. (new): The method for providing information to a mobile device of claim 19 further comprising the steps:

transmitting the query from the broker to a mini-server;

processing the query according to rules from the mini-server ruleset; and

obtaining requested information and returning said information to the broker;

22. (new): The method for providing information to mobile devices of claim 18 further comprising the steps:

transmitting retrieval information to the mobile device; and

transmitting the requested information to the mobile device if the retrieval information is transmitted to the broker.

23. (new): A method for providing information to a mobile device comprising the steps:

providing a mobile device having a visual display, a broker and a personal agent computer having a personal agent rule set, wherein the mobile device, the broker and the personal agent computer are each separate computers;

transmitting a query which is initiated by the mobile device and includes identification information to the broker;

transmitting the query from the broker to the personal agent computer, upon request of the personal agent computer, wherein the request contains identifying information to be matched to the identification information in the query;

processing of the query by the personal agent computer according to rules contained in the personal agent rule set;

transmitting the resulting requested information from the personal agent computer to the broker;

formatting the requested information for the visual display of the mobile device;

transmitting the requested information from the broker to the mobile device when initiated by the mobile device; and

displaying at least a portion of the requested information that has been specially formatted on the visual display of the mobile device;

attaching a ticket to the query;

storing the query with the ticket in a request queue of the broker;

transmitting the retrieval information from the broker to the mobile device;

transmitting the query and the ticket that is attached to the query from the broker to the personal agent computer if the personal agent computer is authenticated by matching identification information;

providing the ticket along with resulting information from the personal agent to the broker;
and

storing the resulting information associated with the ticket by the broker;
wherein the transmitting of the request information to the mobile device step is only performed if the mobile device transmits the retrieval information to the broker.

24. (new): The method for providing information to mobile devices of claim 23 wherein the query includes security information and the transmitting steps made are over secure connections if required by the security information.

25. (new): The method for providing information to a mobile device of claim 23 further comprising the steps:

transmitting the query from the broker to a mini-server;
processing the query according to rules from the mini-server ruleset; and
obtaining requested information and returning said information to the broker;

26. (new): The method for providing information to mobile devices of claim 23 further comprising the steps:

transmitting retrieval information to the mobile device; and
transmitting the requested information to the mobile device if the retrieval information is transmitted to the broker.